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# India Cotton and Products Quarterly Lock up Report 2007

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## Report Highlights:

Post maintains the estimate for MY 2006/07 (August-July) cotton production at a record 21.0 million 480 lbs bales (4.57 million tons), which is supported by the strong pace of market arrivals so far this year. Consumption is raised to 18.3 million bales (3.99 million tons) on higher than anticipated demand for cotton textile products, both export and domestic. Exports are forecast at 4.3 million bales (935,000 tons), a record level for India.

Includes PSD Changes: Yes Includes Trade Matrix: No Quarterly Report New Delhi [IN1] [IN]

### SECTION I: SITUATION AND OUTLOOK

Table 1: Commodity, Cotton (480 lb bales), PSD

| Country              | India    |          |          |          |          |          |          |          |          |
|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                      |          |          |          |          |          |          | (HECTARE | S)       |          |
|                      |          |          |          |          |          |          | 1000 480 |          |          |
|                      |          |          |          |          |          |          | (PERCENT |          |          |
| Commodity            | Cotton   |          |          |          |          |          | (KG/HA)  | 1        |          |
|                      | 2004     | Revised  |          | 2005     | Estimate |          | 2006     | Forecast |          |
|                      |          |          | Post     |          |          | Post     |          |          | Post     |
|                      | USDA     | Post     | Estimate | USDA     | Post     | Estimate | USDA     | Post     | Estimate |
|                      | Official | Estimate | New      | Official | Estimate | New      | Official | Estimate | New      |
| Market Year Begin    |          | 08/2004  | 08/2004  |          | 08/2005  | 08/2005  |          | 08/2006  | 08/2006  |
| Area Planted         | 8920     | 8786     | 8786     | 8830     | 8873     | 8873     | 9250     | 9250     | 9250     |
| Area Harvested       | 8920     | 8786     | 8786     | 8830     | 8873     | 8873     | 9250     | 9250     | 9250     |
| Beginning Stocks     | 4186     | 4186     | 4186     | 8764     | 8764     | 8764     | 8414     | 7864     | 8264     |
| Production           | 19000    | 19000    | 19000    | 19200    | 19200    | 19050    | 21000    | 21000    | 21000    |
| Imports              | 1038     | 1038     | 1038     | 400      | 400      | 400      | 500      | 390      | 390      |
| MY Imports from U.S. | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Total Supply         | 24224    | 24224    | 24224    | 28364    | 28364    | 28214    | 29914    | 29254    | 29654    |
| Exports              | 660      | 660      | 660      | 3450     | 4000     | 3450     | 5000     | 4200     | 4300     |
| Use                  | 13726    | 13726    | 13726    | 15267    | 15267    | 15267    | 16673    | 16397    | 16973    |
| Loss                 | 1074     | 1074     | 1074     | 1233     | 1233     | 1233     | 1327     | 1327     | 1327     |
| Total Dom. Cons.     | 14800    | 14800    | 14800    | 16500    | 16500    | 16500    | 18000    | 17724    | 18300    |
| Ending Stocks        | 8764     | 8764     | 8764     | 8414     | 7864     | 8264     | 6914     | 7330     | 7054     |
| Total Distribution   | 24224    | 24224    | 24224    | 28364    | 28364    | 28214    | 29914    | 29254    | 29654    |
| Stock to Use %       | 60.92034 | 60.92034 | 60.92034 | 44.95379 | 40.8159  | 44.15237 | 31.90144 | 35.58771 | 33.1594  |
| Yield                | 464      | 471      | 471      | 473      | 471      | 467      | 494      | 494      | 494      |

Note: Production Figures for MY 2004, 2005 and 2006 include 937,000 bales of loose cotton.

### Strong Market Arrivals Confirm Record MY 2006/07 Crop

Post maintains the estimate for MY 2006/07 cotton production at a record 21.0 million bales (4.57 million tons). The latest cotton market arrival figures support this estimate. The Cotton Advisory Board is currently estimating production at 21.1 million bales, while estimates of various industry sources range from 20.7 to 21.5 million bales.

Market arrivals of cotton from this year's crop up to February 17, 2007, were 20 percent ahead of last year at 15.9 million bales<sup>1</sup>. Arrivals have eased since early February, with the current arrivals estimated at 55 to 63 thousand bales per day vs. 115 to 120 thousand bales a year ago, and are expected to remain at this level through April. Market sources attribute this to larger than normal arrivals of seed cotton by farmers during the peak marketing season (November through January) due to a higher share of Bt cotton varieties. Bt cotton varieties give excellent yields in early pickings, and thus farmers take only 2-3 pickings. However, in the case of traditional varieties, farmers take 4-5 pickings resulting in a longer harvesting period and a consequent extended marketing season compared to Bt cotton. Absence of winter rains (November/December) this year also adversely affected additional cotton pickings from the rainfed cotton growing states<sup>2</sup> of Gujarat, Maharashtra and M.P. The quality of cotton arriving in most markets this year is reported to be better than in previous

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<sup>&</sup>lt;sup>1</sup> For the latest market arrival and state-wise breakout, refer Cotton Corporation of India website <a href="http://cotcorp.com/CURRENT2.html">http://cotcorp.com/CURRENT2.html</a>.

<sup>&</sup>lt;sup>2</sup> The largely rainfed cotton crop in the central states is harvested in October-December. The winter rains result in new flowering, fruiting and cotton flushes in cotton plants leading to additional cotton picking in the month of February, which can vary from 0.5 to 0.7 million bales.

years. Refer to Table 2 for the latest state-wise cotton area and production estimates for MY 2006/07.

### MY 2005/06 Production Marginally Lower

On December 22, 2006, the Cotton Advisory Board revised the MY 2005/06 production estimate lower at 24.4 million Indian bales (19.05 million U.S. bales) based on final market arrival figures and cotton pressing figures compiled from the ginning and pressing units in the country. Post's MY 2005/06 production estimate has been revised marginally lower to reflect the official estimate.

### **Prices Remain Steady Despite Heavy Arrivals**

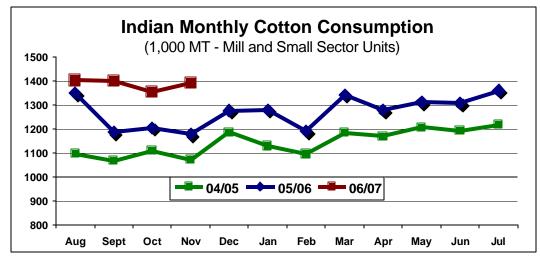
Despite reports of record production and heavy market arrivals, domestic cotton prices remained relatively stable during November 2006 to January 2007 on strong international and domestic demand (refer Table 3). With a slowdown in market arrivals, prices have started firming up since early February, gaining 5 to 10 percent over January-end prices.

Strong export and domestic demand supported domestic prices, with market prices dropping below the minimum support price (MSP) only in a few purchase centers during the peak arrival time. Cotton procured by the government under the MSP operation during the current season is estimated at 1.4 million bales compared with 1.6 million bales last year and 5.5 million bales in 2004/05.

Although Indian cotton was competitively priced vis-à-vis cotton from other origins from the beginning of the Indian marketing season (October 2006) through January 2007, current domestic prices are 4 to 5 percent above comparable international quotations. Prices are expected to remain firm through April as arrivals diminish, while international cotton prices will guide domestic prices during the later part of the season.

### MY 2006/07 Consumption Raised

Post revised the MY 2006/07 consumption estimate upward to 18.3 million bales (3.99 million tons) on higher than anticipated growth, driven by strong domestic and export demand for cotton yarn and textile products.



**Source:** The Textile Commissioners' Office, Government of India (GOI).

Consumption during August through November 2006 was 13 percent higher than the comparable period last year. Strong economic growth, rising consumer incomes, and an expanding middle class will continue to fuel growth in domestic demand for cotton textile products. With Indian cotton being the cheapest in the world, there has been strong export demand for cotton yarn and fabrics from India. The Indian textile industry, particularly the spinning sector, has been in a rapid expansion mode in recent years, adding 2 to 2.5 million new spindles every year, which is likely to continue this year. Expanding spinning capacities and continued high prices of man-made fiber and yarn have further fueled the growth in cotton consumption during the current season. Consequently, MY 2006/07 consumption is estimated to reach 18.3 million bales.

### MY 2006/07 Exports Revised Higher

Post's MY 2006/07 export estimate is revised higher at 4.3 million bales (935,000 tons) based on strong export contracting during the early season due to competitive domestic cotton prices vis-à-vis international prices. Therefore, India is expected to continue as one of the top three global exporters of cotton during the current season after being a net importer until 2004/05. The import estimate remains unchanged at 390,000 bales.

Although official statistics are not yet available, market sources<sup>3</sup> report that about 230,000 bales of the MY 2005/06 cotton crop were shipped during August-September 2006. About 3.3 to 3.5 million bales of MY 2006/07 season cotton have been contracted for exports from October 2006 to February 2007 for delivery through April 2007, of which about 2.2 to 2.4 million bales has been already shipped. New export contracts have ceased with Indian cotton now losing its competitive edge in the world market. It appears that only a strong gain in international cotton prices can support India's export prospects in the coming months. Furthermore, non-availability of quality cotton could also constrain exports. Assuming no significant change in the price parity between local and international cotton, MY 2006/07 exports are estimated at 4.3 million bales 937,000 tons).

For the first six months of the MY 2006/07, the major export destination for Indian cotton was China (60 percent), followed by Turkey, Pakistan, Bangladesh, Pakistan, Taiwan, Indonesia and other far-east countries. Shankar–6 (28-29 mm) was the largest exported variety, followed by varieties of the staple length 30-33 mm at prices ranging between 49 cents/lb. to 56 cents/lb FOB, Indian ports.

Due to adequate domestic supplies, cotton imports during the current season so far have been limited to extra long staple (ELS) cotton and some specialty cotton. Larger production of local ELS cotton DCH –32, and subdued demand for finer count yarns in the international market limit future imports. Market sources also report that cotton imports during MY 2006/07 will be the same or lower than last year's imports (400,000 bales). Consequently, MY 2006/7 imports remains unchanged at 390,000 bales (85,000 tons).

<sup>&</sup>lt;sup>3</sup> Official estimates on cotton exports compiled by the DGCIS, Ministry of Commerce are incomplete and available only after a lag of 6 to 8 months. No official or industry source compiles information on cotton export contracts.

# **SECTION II: STATISTICAL TABLES**

Table 2: Area, Production<sup>4</sup> & Yield of Cotton in Major States
(Area 000 ha; Production 000 bales of 480 lbs, Yield lb./ha)

| STATE          | Tia, Productio | 2001/02 | 2002/03 | 2003/04 | 2004/05 | 2005/06 | 2006/07 |
|----------------|----------------|---------|---------|---------|---------|---------|---------|
| Maharashtra    | Area           | 2980    | 2800    | 2766    | 2840    | 2889    | 3125    |
|                | Production     | 2674    | 2030    | 2420    | 4060    | 2811    | 3670    |
|                | Yield          | 431     | 348     | 420     | 686     | 467     | 564     |
| Gujarat        | Area           | 1687    | 1634    | 1647    | 1906    | 2077    | 2390    |
|                | Production     | 2538    | 2381    | 3904    | 5700    |         | 7418    |
|                | Yield          | 722     | 700     | 1138    | 1435    | 1606    | 1490    |
| Madhya Pradesh | Area           | 623     | 545     | 591     | 576     | 600     | 660     |
|                | Production     | 1562    | 1405    | 1534    | 1249    | 1405    | 1405    |
|                | Yield          | 1203    | 1238    | 1246    | 1041    | 1124    | 1022    |
| Punjab         | Area           | 600     | 449     | 452     | 509     | 557     | 618     |
|                | Production     | 722     | 586     | 808     | 1288    | 1562    | 1952    |
|                | Yield          | 578     | 626     | 858     | 1215    | 1346    | 1516    |
| Haryana        | Area           | 610     | 519     | 526     | 621     | 583     | 530     |
|                | Production     | 429     | 683     | 898     | 1210    | 1015    | 1171    |
|                | Yield          | 338     | 632     | 819     | 935     | 836     | 1061    |
| Rajasthan      | Area           | 347     | 386     | 344     | 438     | 472     | 310     |
|                | Production     | 547     | 390     | 714     | 859     | 859     | 703     |
|                | Yield          | 756     | 485     | 997     | 941     | 873     | 1088    |
| Andhra Pradesh | Area           | 1002    | 803     | 837     | 1178    | 1037    | 950     |
|                | Production     | 2089    | 1542    | 2139    | 2538    | 2499    | 2733    |
|                | Yield          | 1001    | 922     | 1227    | 1034    | 1157    | 1381    |
| Karnataka      | Area           | 591     | 393     | 313     | 521     | 450     | 450     |
|                | Production     | 547     | 390     | 328     | 625     | 508     | 547     |
|                | Yield          | 444     | 477     | 503     | 575     | 541     | 583     |
| Tamil Nadu     | Area           | 200     | 85      | 103     | 129     | 136     | 140     |
|                | Production     | 390     | 234     | 293     | 429     | 429     | 390     |
|                | Yield          | 937     | 1323    | 1364    | 1598    | 1516    | 1339    |
| Others         | Area           | 90      | 53      | 51      | 68      | 72      | 77      |
|                | Production     | 59      | 78      | 78      | 78      | 78      | 78      |
|                | Yield          | 312     | 707     | 735     | 551     | 521     | 487     |
| All-India      | Area           | 8730    | 7667    | 7630    | 8786    | 8873    | 9250    |
|                | Production     | 11556   | 9721    | 13117   | 18036   | 18114   | 20066   |
|                | Yield          | 225     | 216     | 292     | 349     | 347     | 369     |

 $<sup>^4</sup>$  Production figures for MY 1999/2000 to MY 2006/07 in the PS&D include loose cotton estimates.

**Table 3: Month-end Prices of Popular Indian Cotton Varieties** (Rupees per ton)

| Year    | Bengal Deshi  | SG J-34 | H-4     | Shankar-6 | MCU-5   | DCH-32  |
|---------|---------------|---------|---------|-----------|---------|---------|
|         | (below 22 mm) | (25 mm) | (28 mm) | (29 mm)   | (33 mm) | (35 mm) |
| 2005/06 |               |         |         |           |         |         |
| Aug     | 35150         | 43030   | 43870   | 46680     | 56240   | 89430   |
| Sep     | 35150         | 41620   | 44430   | 50620     | 53990   | 88580   |
| Oct     | 36840         | 41900   | 46400   | 48650     | 53990   | 88580   |
| Nov     | 40490         | 42740   | 47520   | 48930     | 57930   | 109670  |
| Dec     | 39370         | 44150   | 47810   | 50620     | 63270   | 126540  |
| Jan     | 37400         | 42460   | 47520   | 51180     | 62990   | 122330  |
| Feb     | 36560         | 42740   | 46680   | 51180     | 62990   | 112490  |
| Mar     | 35430         | 42460   | 46960   | 51180     | 61860   | 116700  |
| Apr     | 39090         | 46400   | 47800   | 51740     | 61860   | 118100  |
| May     | 37400         | 44990   | 45270   | 50330     | 58210   | 118100  |
| Jun     | 39090         | 47240   | 47240   | 51460     | 57360   | 118100  |
| July    | 41620         | 47800   | 50620   | 53710     | 57650   | 112480  |
| 2006/07 |               |         |         |           |         |         |
| Aug     | 41620         | 48930   | 52020   | 57360     | 60180   | 111070  |
| Sep     | 41900         | 45830   | 50050   | 53150     | 59610   | 108260  |
| Oct     | 41340         | 44990   | 48930   | 51740     | 58490   | 97010   |
| Nov     | 40770         | 43310   | 48090   | 50330     | 73110   | 90000   |
| Dec     | 39930         | 43590   | 47800   | 50330     | 73110   | 90000   |
| Jan     | 37680         | 43300   | 48650   | 50620     | 58490   | 90000   |
| Feb 21  | 41060         | 48090   | 51180   | 52870     | 61300   | 92800   |

Source: East India Cotton Association (EICA), Mumbai.